

| | | | |
|---|--|--|--|
| [TDCC Form Similar to: Form PTO-1390] | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 62575A | |
| | | U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 40/567177 | |
| INTERNATIONAL APPLICATION NO. PCT/US2004/017102 | INTERNATIONAL FILING DATE 02 June 2004 | PRIORITY DATE CLAIMED 22 August 2003 | |
| TITLE OF INVENTION MODIFIED ALUMINA CARRIERS AND SILVER-BASED CATALYSTS FOR THE PRODUCTION OF ALKYLENE OXIDES | | | |
| APPLICANT(S) FOR DO/EO/US Erlind M. Thorsteinson | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | | |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). | | | |
| 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. | | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | | |
| a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). | | | |
| b. <input type="checkbox"/> has been transmitted by the International Bureau. | | | |
| c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States receiving Office (RO/US). | | | |
| 6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). | | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | | |
| a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). | | | |
| b. <input type="checkbox"/> have been transmitted by the International Bureau. | | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | | |
| d. <input checked="" type="checkbox"/> have not been made and will not be made. | | | |
| 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | |
| 9. <input type="checkbox"/> An oath or declaration of the inventor (35 U.S.C. 371(c)(4)). | | | |
| 10. <input type="checkbox"/> A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| Items 11. to 15. below concern other document(s) or information included: | | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 12. <input type="checkbox"/> A FIRST preliminary amendment. | | | |
| <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. | | | |
| 13. <input type="checkbox"/> A substitute specification. | | | |
| 14. <input type="checkbox"/> A change of power of attorney and/or address letter. | | | |
| 15. <input type="checkbox"/> Other items or information: | | | |

| | | | | | |
|---|--|---|--|---|--|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) 10/567177 | | INTERNATIONAL APPLICATION NO. PCT/US2004/017102 | | ATTORNEY'S DOCKET NUMBER 62575A | |
|---|--|---|--|---|--|

| | | | | | | | |
|---|------------------|--------------|--------------------|------------------------|--|------------------|--|
| 17. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS | | PTO USE ONLY | |
| Basic National Fee (37 CFR 1.492(a)(1)-(5)): | | | | | | | |
| Search Report has been prepared by the EPO or JPO \$ 950.00 | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) \$ 750.00 | | | | | | | |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$ 790.00 | | | | | | | |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445 (a)(2)) paid to USPTO \$ 1,110.00 | | | | | | | |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$ 950.00 | | | |
| Surcharge of \$ 130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | + | | \$ 130.00 | |
| Claims | Number Filed | Number Extra | Rate | | | | |
| Total Claim | 15 - 20 = | 0 | X \$ 50.00 | \$ 0.00 | | | |
| Independent Claims | 5 - 3 = | 2 | X \$ 200.00 | \$ 400.00 | | | |
| Multiple dependent claim(s) (if applicable) | | | \$ 0.00 | \$ 0.00 | | | |
| Processing fee of \$ 0 for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 1,480.00 | | | |
| | | | | Amount to be refunded: | | \$ | |
| | | | | charged: | | \$ | |

| | |
|--|---|
| a. <input type="checkbox"/> | A check in the amount of \$ _____ to cover the above fees is enclosed. |
| b. <input checked="" type="checkbox"/> | Please charge my Deposit Account No. 210100 in the amount of \$ 1,480.00 to cover the above fees. A duplicate copy of this sheet is enclosed. |
| c. <input checked="" type="checkbox"/> | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 210100 . A duplicate copy of this sheet is enclosed. |

Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

| | |
|---|--|
| SEND ALL CORRESPONDENCE TO: Michael L. Glenn The Dow Chemical Company Intellectual Property P.O. Box 1967 Midland, Michigan 48641-1967 UNITED STATES OF AMERICA Phone: 989-636-1556 | Signature: <u><i>Lois K. Ruszala</i></u> <div style="text-align: center;">Lois K. Ruszala</div> <div style="text-align: right;">, Registration No. 39,074</div> Date: <u>03 February 2006</u> |
|---|--|

10/567177

EXPRESS MAIL MAILING LABEL NO. *EV 664542 493 US*

DATE OF DEPOSIT: **February 3, 2006**

1AP20 Res'd PCT/PTO 03 FEB 2006

**THIS APPLICATION IS THE ENTRY INTO THE
NATIONAL PHASE UNDER 35 U.S.C. 371**

Applicant(s): UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

International Application No. PCT/US2004/017102

International Filing Date: 02 June 2004

Priority Date Claimed: 22 August 2003

Title: MODIFIED ALUMINA CARRIERS AND SILVER-BASED CATALYSTS FOR THE PRODUCTION
OF ALKYLENE OXIDES

Attorney's Docket No.: 62575A